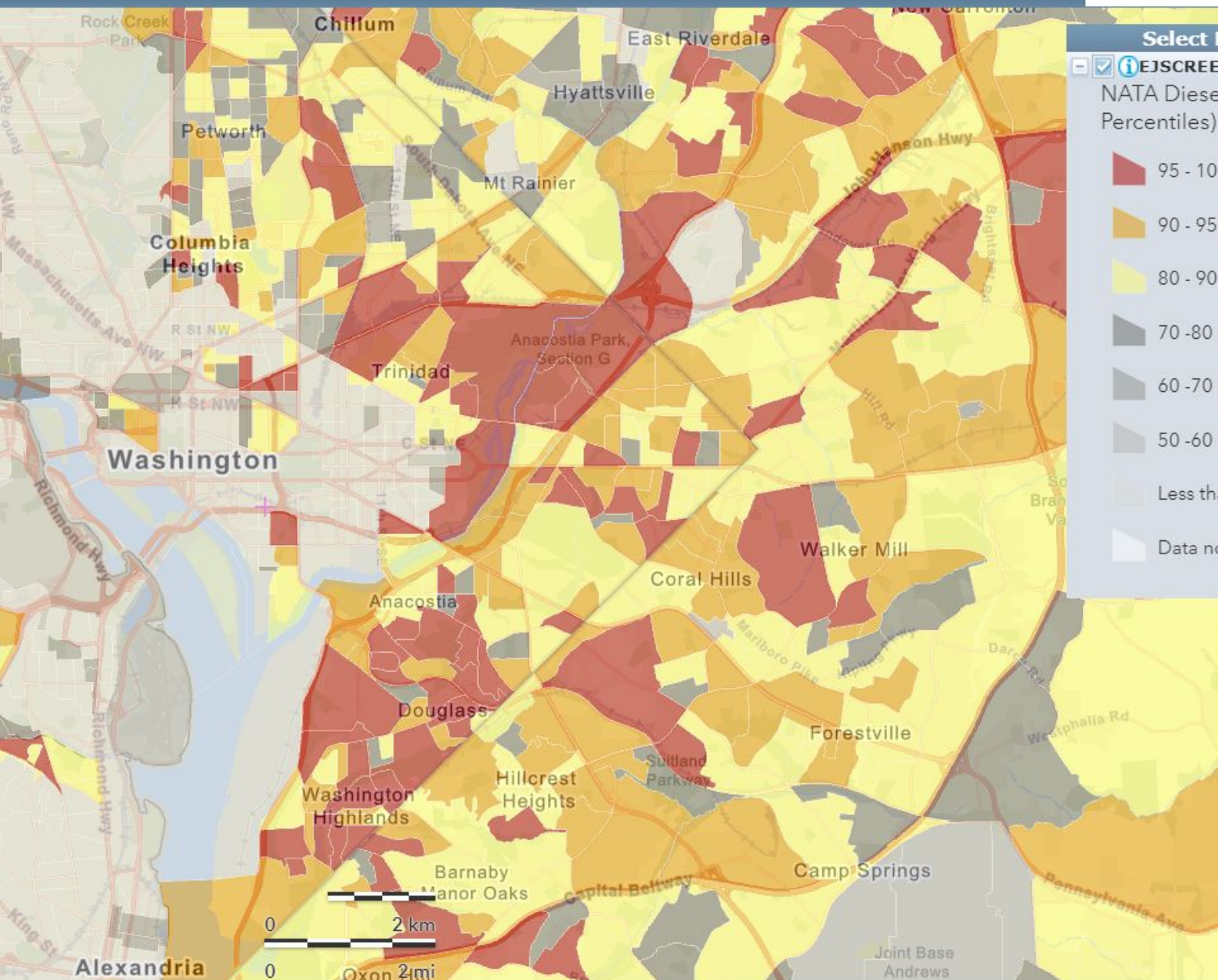


ENVIRONMENTAL JUSTICE OBSERVATIONS ON DATA AND GAPS

USGCRP

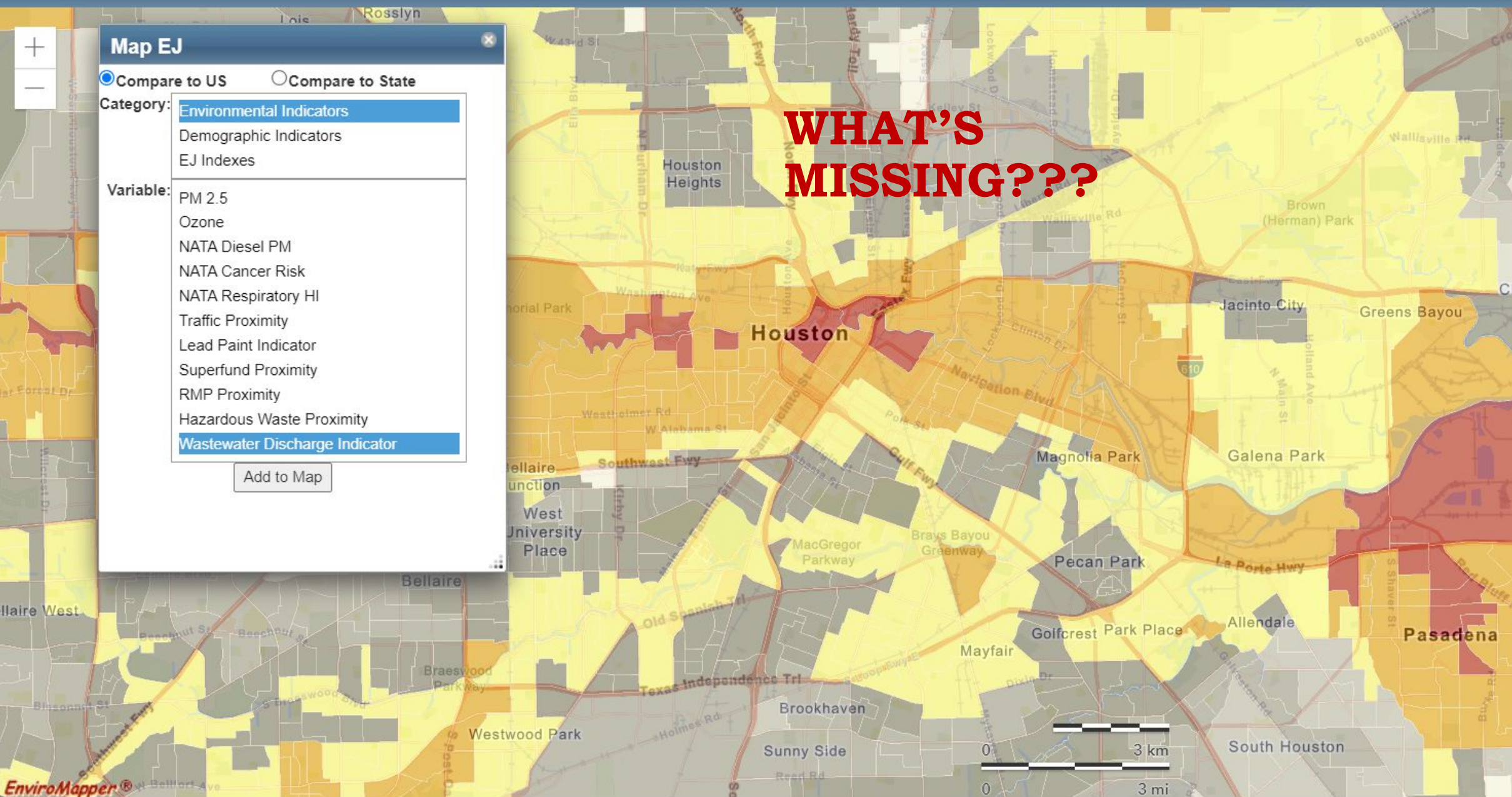
September 30, 2021

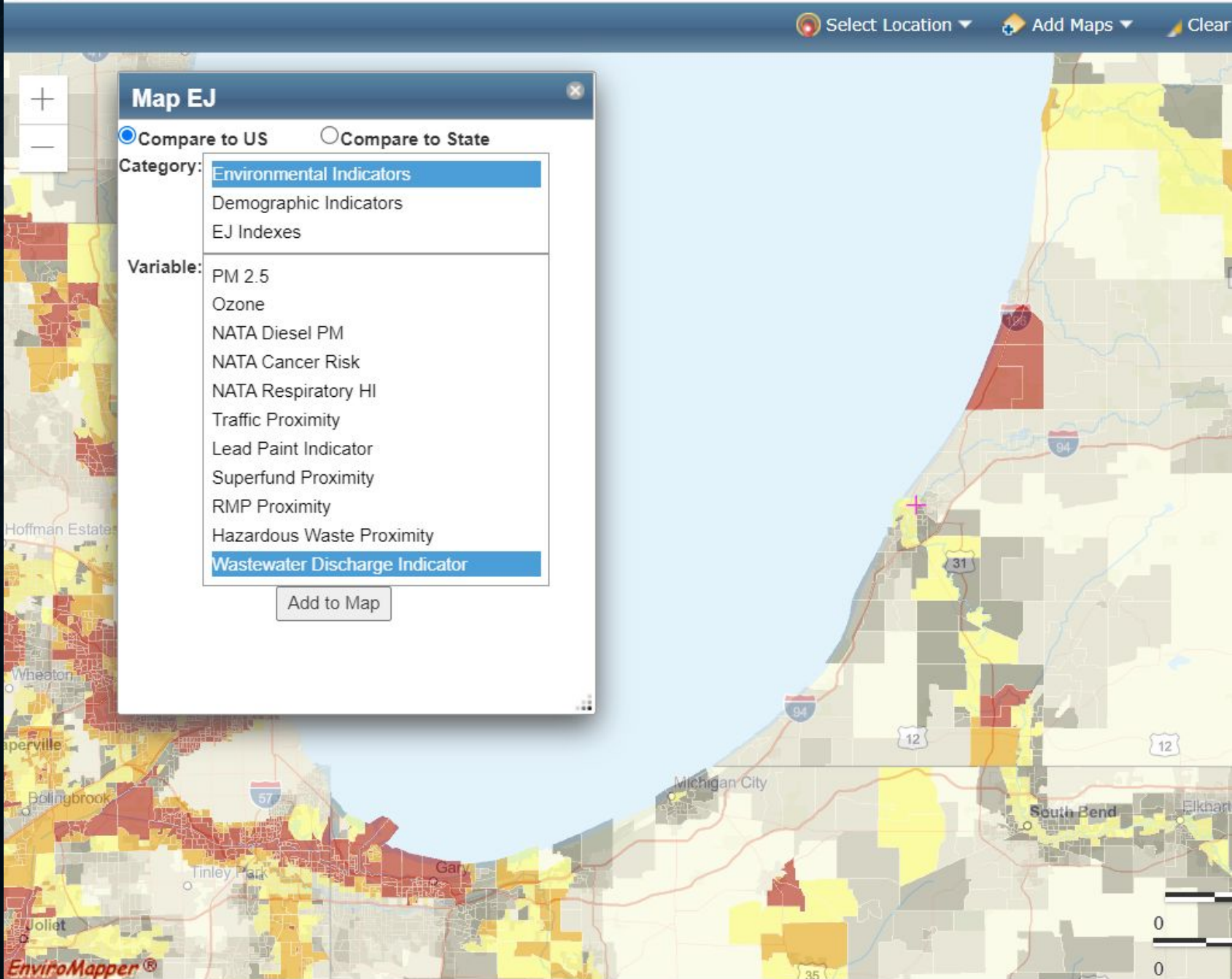
Location ▾ Add Maps ▾ Clear Selected Locations Print Measure Save Session Basemap ▾ National Aerial



EJSCREEN TO PRIORITIZE ACTIVITIES

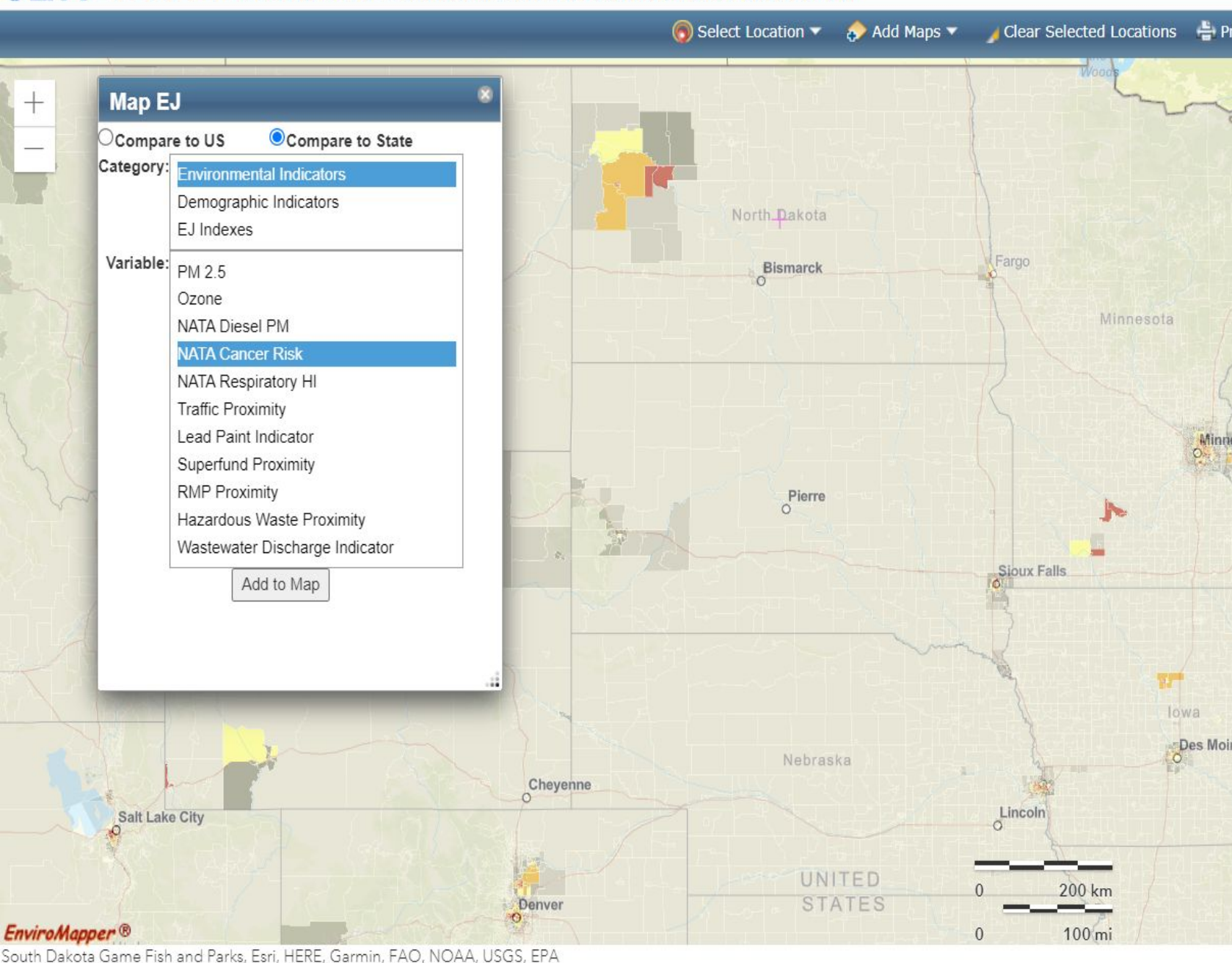
- Look across all 11 indexes or at specific relevant indexes or indicators
- Look at all places at or above thresholds for all indexes
- 80th percentile = 34% of the country
- 90th percentile = 23%
- 95th percentile = 14%





WATER QUALITY

- Drinking water
- Surface water observations
- Well-water?
- Fish consumption advisories
- Recreational advisories



RURAL ISSUES

- Pesticide and fertilizer application
- Pesticide and fertilizer storage
- Fish consumption
- Other contamination affecting wildlife
- Agricultural intensity

CLIMATE CHANGE

- Granularity!!!
- Heat
- Flooding

EPA EJSCREEN EPA's Environmental Justice Screening and Mapping Tool (Version 2020)

[EJSCREEN Home](#) | [Mobile](#) | [Glossary](#) | [Help](#)

[Select Location](#) [Add Maps](#) [Clear Selected Locations](#) [Print](#) [Measure](#) [Save Session](#)

idaho

Climate

Select one or more services and then click Add to Map.

Add to Map

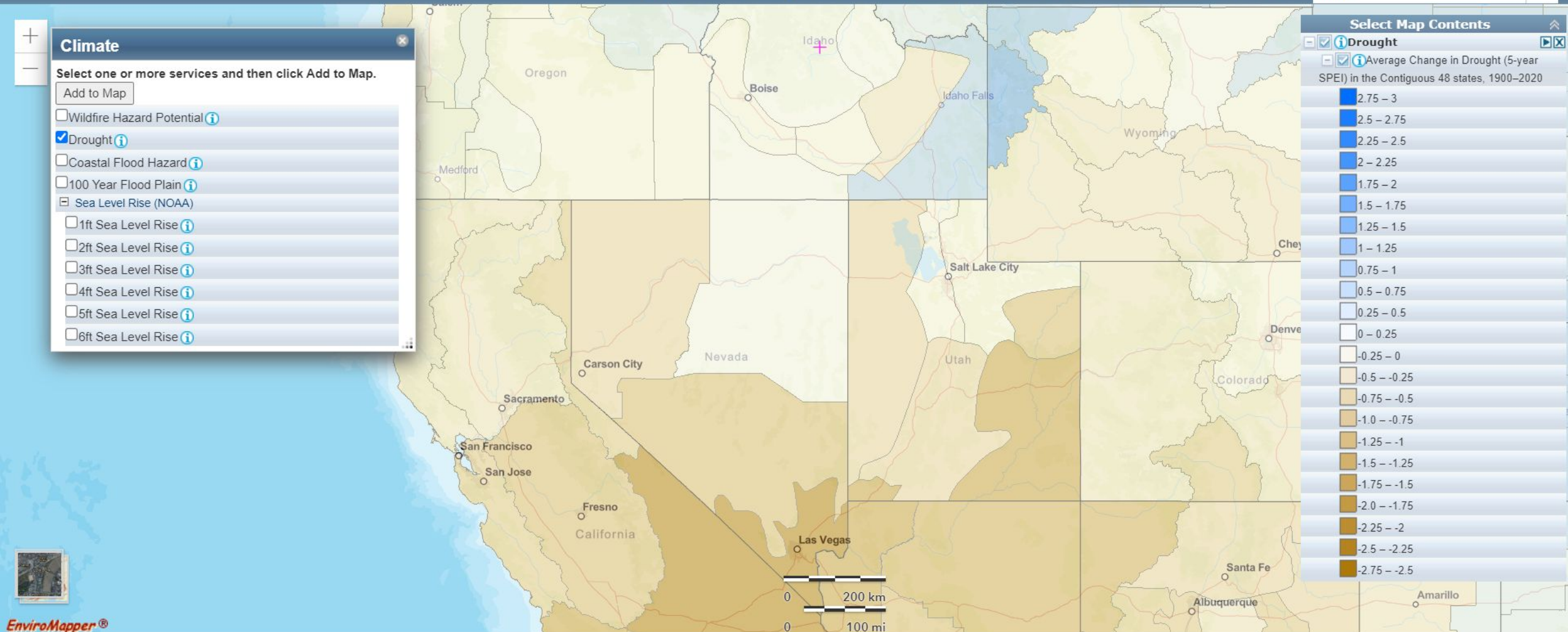
- ☐ Wildfire Hazard Potential [i](#)
- ☒ Drought [i](#)
- ☐ Coastal Flood Hazard [i](#)
- ☐ 100 Year Flood Plain [i](#)
- ☒ Sea Level Rise (NOAA)
 - ☐ 1ft Sea Level Rise [i](#)
 - ☐ 2ft Sea Level Rise [i](#)
 - ☐ 3ft Sea Level Rise [i](#)
 - ☐ 4ft Sea Level Rise [i](#)
 - ☐ 5ft Sea Level Rise [i](#)
 - ☐ 6ft Sea Level Rise [i](#)

Select Map Contents

☒ [Drought](#) [i](#)

☒ Average Change in Drought (5-year SPEI) in the Contiguous 48 states, 1900–2020

- 2.75 – 3
- 2.5 – 2.75
- 2.25 – 2.5
- 2 – 2.25
- 1.75 – 2
- 1.5 – 1.75
- 1.25 – 1.5
- 1 – 1.25
- 0.75 – 1
- 0.5 – 0.75
- 0.25 – 0.5
- 0 – 0.25
- 0.25 – 0
- 0.5 – -0.25
- 0.75 – -0.5
- 1.0 – -0.75
- 1.25 – -1
- 1.5 – -1.25
- 1.75 – -1.5
- 2.0 – -1.75
- 2.25 – -2
- 2.5 – -2.25
- 2.75 – -2.5

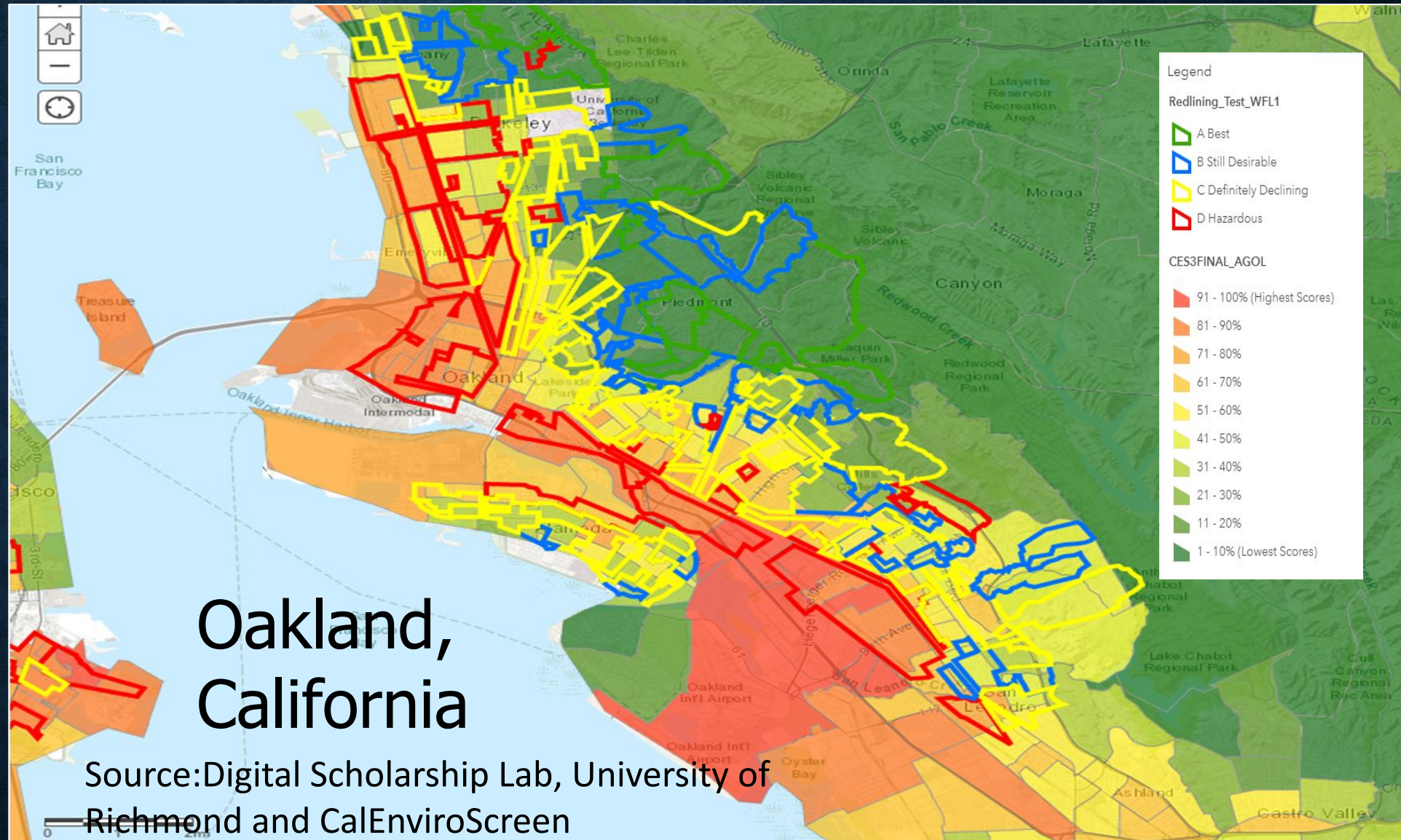


HISTORIC LEGACY OF EJ AND MODERN ISSUES

- Gentrification
- Displacement
- Development
- Land use patterns

Oakland, California

Source: Digital Scholarship Lab, University of
Richmond and CalEnviroScreen



Thanks! and Contact Info

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